

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINING C

ADDRESS P.O. BOX 62

CLAYTON

ID 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

100025402

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO BUCKSKIN CREEK

Form Approved

OMB No. 2040-0004

Expires 3-31-88

FACILITY

LOCATION

ATTN: CHRIS JAMES, VICE PRES/GEN MGR

MONITORING PERIOD

| FROM | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|------|---------|---------|---------|----|---------|---------|---------|
|      | 89      | 08      | 01      |    | 89      | 08      | 31      |
|      | (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

MAJOR (SUBR 03)

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                           | X                  | (3 Card Only)<br>(46-53) QUANTITY OR LOADING<br>(54-61)  |         |       | (4 Card Only)<br>(38-45) QUALITY OR CONCENTRATION<br>(54-61) |                |                    |        | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|--|--------------------|--|---------|-------|--|----------------|--------------------|--------|----------------------|--|---------------------------|
|  |                    | AVERAGE  | MAXIMUM | UNITS | MINIMUM  | AVERAGE        | MAXIMUM            | UNITS  |                      |  |                           |
| PH   | SAMPLE MEASUREMENT | *****  | *****   |       | -  | *****          |                    |        | -                    | -                                      | -                         |
| 00400 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | 6.0<br>MINIMUM   | *****          | 9.0<br>MAXIMUM     | SU     | -                    | WEEKLY                                 | GRAB                      |
| SOLIDS, TOTAL<br>SUSPENDED                     | SAMPLE MEASUREMENT | *****  | *****   |       | *****  |                |                    |        | -                    | -                                      |                           |
| 00530 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | 20<br>30DA AVG | 30<br>DAILY MX     | MG/L   | -                    | WEEKLY                                 | GRAB                      |
| ARSENIC, TOTAL<br>(AS AS)                      | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                    |        | -                    | -                                      |                           |
| 01002 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.490<br>DAILY MX  | MG/L   | -                    | ONCE/<br>MONTH                         | GRAB                      |
| CADMIUM, TOTAL<br>(AS CD)                      | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                    |        | -                    | -                                      |                           |
| 01027 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.0053<br>DAILY MX | MG/L   | -                    | ONCE/<br>MONTH                         | GRAB                      |
| COPPER, TOTAL<br>(AS CU)                       | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                    |        | -                    | -                                      |                           |
| 01042 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.0245<br>DAILY MX | MG/L   | -                    | ONCE/<br>MONTH                         | GRAB                      |
| LEAD, TOTAL<br>(AS PB)                         | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                    |        | -                    | -                                      |                           |
| 01051 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.0589<br>DAILY MX | MG/L   | -                    | ONCE/<br>MONTH                         | GRAB                      |
| ZINC, TOTAL<br>(AS ZN)                         | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                    |        | -                    | -                                      |                           |
| 01092 1 0 0<br>EFFLUENT GROSS VALU             | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.165<br>DAILY MX  | MG/L   | -                    | ONCE/<br>MONTH                         | GRAB                      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER         |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |         |       |  |                | TELEPHONE          |        | DATE                 |  |                           |
| P.H. Fitch<br>Vice President & General Manager |                    |  |         |       |  |                | 208   838-2200     |        | 89                   | 09                                     | 07                        |
| TYPED OR PRINTED                               |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   |         |       |  |                | AREA CODE          | NUMBER | YEAR                 | MO                                     | DAY                       |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME CYPRUS THOMPSON CREEK MINING C  
ADDRESS P.O. BOX 62  
CLAYTON ID 83227  
FACILITY  
LOCATION  
ATTN: CHRIS JAMES, VICE PRES/GEN MGR

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

ID0025402

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO BUCKSKIN CREEK

Form Approved  
OMB No. 2040-0004  
Expires 3-31-88

## MONITORING PERIOD

FROM YEAR 89 MO 08 DAY 01 TO YEAR 89 MO 08 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 03)

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)   |  | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53) |                    |       | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61)         |         |                   |              | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |     |
|--|--|---|--------------------|-------|--|---------|-------------------|--------------|----------------------|--|---------------------------|-----|
|  |  | AVERAGE   | MAXIMUM            | UNITS | MINIMUM  | AVERAGE | MAXIMUM           | UNITS        |                      |  |                           |     |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT  | 0   | 0                  |       | *****  | *****   | *****             |              |                      | Daily                                  |                           |     |
|  | PERMIT<br>REQUIREMENT  | REPORT<br>30DA AVG                              | REPORT<br>DAILY MX | MGD   | *****  | *****   | *****             | ****         |                      | DAILY                                  |                           |     |
| MERCURY, TOTAL<br>(AS HG)<br>71900 1 0 0<br>EFFLUENT GROSS VALUE                   | SAMPLE<br>MEASUREMENT  | *****   | *****              |       | *****  | *****   | *****             |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  | *****   | *****              | ****  | *****  | *****   | .0002<br>DAILY MX | MG/L         |                      | ONCE/<br>MONTH                         | GRAB                      |     |
|  | SAMPLE<br>MEASUREMENT  |   |                    |       | Zero Flow  |         |                   |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | SAMPLE<br>MEASUREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | SAMPLE<br>MEASUREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | SAMPLE<br>MEASUREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | SAMPLE<br>MEASUREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
|  | PERMIT<br>REQUIREMENT  |   |                    |       |  |         |                   |              |                      |  |                           |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER   | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |   |                    |       | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |         |                   | TELEPHONE    | DATE                 |  |                           |     |
| P.H. Fitch<br>Vice President & General Manager                                     |  |   |                    |       | P.H. Fitch   |         |                   | 208 838-3300 | 99                   | 09                                     | 07                        |     |
| TYPED OR PRINTED   |  |   |                    |       |  |         |                   | AREA<br>CODE | NUMBER               | YEAR                                   | MO                        | DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME CYPRUS THOMPSON CREEK MINING C  
ADDRESS P.O. BOX 62  
CLAYTON ID 83227  
FACILITY  
LOCATION  
ATTN: CHRIS JANES, VICE PRES/GEN MGR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) ID0025402  
(17-19) 002 A  
PERMIT NUMBER  
DISCHARGE NUMBER  
MONITORING PERIOD  
FROM YEAR 89 MO 08 DAY 01 TO YEAR 89 MO 08 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved  
OMB No. 2040-0004  
Expires 3-31-88  
F - FINAL  
DISCHARGE TO PAT HUGHES CREEK  
MAJOR (SUBR 03)  
NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                           | X                  | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53)  |         |       | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(46-53) |                |                               |          | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |  |  |    |  |  |     |  |  |
|--|--------------------|--|---------|-------|--|----------------|-------------------------------|----------|----------------------|--|---------------------------|--|--|----|--|--|-----|--|--|
|  |                    | AVERAGE  | MAXIMUM | UNITS | MINIMUM  | AVERAGE        | MAXIMUM                       | UNITS    |                      |  |                           |  |  |    |  |  |     |  |  |
| PH   | SAMPLE MEASUREMENT | *****  | *****   |       | 8.2  |                | 8.6                           |          | 0                    | Weekly Grab                            |                           |  |  |    |  |  |     |  |  |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | 6.0<br>MINIMUM                                       | *****          | 9.0<br>MAXIMUM                | SU       |                      | WEEKLY GRAB                            |                           |  |  |    |  |  |     |  |  |
| SOLIDS, TOTAL<br>SUSPENDED                     | SAMPLE MEASUREMENT | *****  | *****   |       | *****  |                | 1                             |          | 0                    | Weekly Grab                            |                           |  |  |    |  |  |     |  |  |
| 00530 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | 20<br>300A AVG | 30<br>DAILY MX                | MG/L     |                      | WEEKLY GRAB                            |                           |  |  |    |  |  |     |  |  |
| ARSENIC, TOTAL<br>(AS AS)                      | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                               |          | 0                    | once/mo. Grab                          |                           |  |  |    |  |  |     |  |  |
| 01002 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | < 0.005<br>0.490<br>DAILY MX  | MG/L     |                      | ONCE/ GRAB<br>MONTH                    |                           |  |  |    |  |  |     |  |  |
| CADMIUM, TOTAL<br>(AS CD)                      | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                               |          | 0                    | once/mo. Grab                          |                           |  |  |    |  |  |     |  |  |
| 01027 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | < 0.005<br>0.0053<br>DAILY MX | MG/L     |                      | ONCE/ GRAB<br>MONTH                    |                           |  |  |    |  |  |     |  |  |
| COPPER, TOTAL<br>(AS CU)                       | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          | 0.01                          |          | 0                    | once/mo. Grab                          |                           |  |  |    |  |  |     |  |  |
| 01042 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.0245<br>DAILY MX            | MG/L     |                      | ONCE/ GRAB<br>MONTH                    |                           |  |  |    |  |  |     |  |  |
| LEAD, TOTAL<br>(AS PB)                         | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          |                               |          | 0                    | once/mo. Grab                          |                           |  |  |    |  |  |     |  |  |
| 01051 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | < 0.05<br>0.0589<br>DAILY MX  | MG/L     |                      | ONCE/ GRAB<br>MONTH                    |                           |  |  |    |  |  |     |  |  |
| ZINC, TOTAL<br>(AS ZN)                         | SAMPLE MEASUREMENT | *****  | *****   |       | *****  | *****          | 0.007                         |          | 0                    | once/mo. Grab                          |                           |  |  |    |  |  |     |  |  |
| 01092 1 0 0<br>EFFLUENT GROSS VALUE            | PERMIT REQUIREMENT | *****  | *****   | ****  | *****  | *****          | 0.165<br>DAILY MX             | MG/L     |                      | ONCE/ GRAB<br>MONTH                    |                           |  |  |    |  |  |     |  |  |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER         |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) |         |       |  | TELEPHONE      |                               | DATE     |                      |  |                           |  |  |    |  |  |     |  |  |
| P.H. Fitch<br>Vice President & General Manager |                    |  |         |       |  | 208 838-2200   |                               | 89 09 07 |                      |  |                           |  |  |    |  |  |     |  |  |
| TYPED OR PRINTED                               |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   |         |       |  | AREA CODE      |                               | NUMBER   |                      |  | YEAR                      |  |  | MO |  |  | DAY |  |  |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINING C

ADDRESS P.O. BOX 62

CLAYTON

ID 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

ID0025402

002 A

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DISCHARGE TO PAT HUGHES CREEK

Form Approved

OMB No. 2040-0004

Expires 3-31-88

FACILITY

LOCATION

ATTN: CHRIS JANES, VICE PRES/GEN MGR


MONITORING PERIOD

FROM YEAR 89 MO 03 DAY 01 TO YEAR 89 MO 08 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 03)

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                        |                    | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53) |          |       | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(46-53) |         |         |          | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---|--------------------|---|----------|-------|--|---------|---------|----------|----------------------|--|---------------------------|
|   |                    | AVERAGE   | MAXIMUM  | UNITS | MINIMUM  | AVERAGE | MAXIMUM | UNITS    |                      |  |                           |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 0.157   | 0.261    |       | *****  | *****   | *****   |          |                      |  |                           |
| 50050 1 0 0                                 | PERMIT REQUIREMENT | REPORT  | REPORT   |       | *****  | *****   | *****   | ****     |                      | Daily                                  |                           |
| EFFLUENT GROSS VALUE                        |                    | 30DA AVG  | DAILY MX | MGD   |  |         |         | ****     |                      | DAILY                                  |                           |
| MERCURY, TOTAL<br>(AS HG)                   | SAMPLE MEASUREMENT | *****   | *****    |       | *****  | *****   | *****   |          |                      |  |                           |
| 71900 1 0 0                                 | PERMIT REQUIREMENT | *****   | *****    | ****  | *****  | *****   | *****   | 0.0002   |                      | once/month                             | Grab                      |
| EFFLUENT GROSS VALUE                        |                    |   |          | ****  |  |         |         | DAILY MX |                      | MONTH                                  |                           |
|   | SAMPLE MEASUREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | PERMIT REQUIREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | SAMPLE MEASUREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | PERMIT REQUIREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | SAMPLE MEASUREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | PERMIT REQUIREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | SAMPLE MEASUREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | PERMIT REQUIREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | SAMPLE MEASUREMENT |   |          |       |  |         |         |          |                      |  |                           |
|   | PERMIT REQUIREMENT |   |          |       |  |         |         |          |                      |  |                           |

|  |  |  |           |          |      |    |    |
|--|--|--|-----------|----------|------|----|----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                               | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | <br>SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT | TELEPHONE |          | DATE |    |    |
| P.H. Fitch<br>Vice President and General Manager<br>TYPED OR PRINTED |  |  | 208       | 838-2200 | 89   | 09 | 07 |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)